

NORTHUMBERLAND, near Warkworth. DURHAM, coast between Horden and Hart.

\*420. *Cecidomyid* sp. Bagnall and Harrison, 1918, p. 61.

On *Achillea Ptarmica*.

YORKSHIRE, Bardsey near Leeds.

\*421. *Cecidomyid* sp. Houard, 5450.

On *Knautia arvensis*, leaf pustules.

NORTHUMBERLAND, Ovington. DURHAM, Ryhope.

\*422. *Cecidomyid* sp. Houard, S. 60.

On *Salix*.

NORTHUMBERLAND, Ovingham on *S. aurita*. DURHAM, Easington on *S. Caprea*.

\*423. *Cecidomyid* sp. Bagnall and Harrison, 1918, p. 61.

In rotting turnips.

DURHAM, Birtley.

## II. CHECK LIST OF NAMED SPECIES.

### CECIDOMYIDAE.

Subfamily *CECIDOMYINAE*.

Group *LASIOPTERARIAE*.

Genus *Clinorrhyncha* H.  
Loew.

1. *C. chrysanthemi* H. Loew.
2. *C. millefolii* Wachtl.
3. *C. leucanthemi* Kieffer.

Genus *Trotteria* Kieffer,  
= *Choristoneura* (praeocc.) Rübs.

1. *T. galii* Rübsaamen.
2. *T. sarothamni* (Kieffer).
3. *T. umbelliferarum* Kieffer.

Genus *Baldratia* Kieffer.

1. *B. salicorniae* Kieffer.

Genus *Stefaniella* Kieffer.

1. *S. brevipalpis* Kieffer.

Genus *Lasioptera* (Meigen).

1. *L. albipennis* Meigen.
2. *L. arundinis* Schiner.
3. *L. calamagrostidis* Rübsaamen.
4. *L. carophila* F. Loew.
5. *L. rubi* Heeger.

Group *OLIGOTROPHARIAE*.

[Genus *Neocerata* Coquillett =  
*Perrisia*.

1. *N. rhodophaga* Coquillett.

Genus **Rhopalomyia** Rübsaamen.

1. *R. millefolii* (H. Loew).  
= *achilleae* Inelbald.
2. *R. tanaceticola* (Karsch).

Genus **Misopatha** Kieffer.

1. *M. florum* (Kieffer).
2. *M. foliorum* (H. Loew),  
= *abrotani* Trail.
3. *M. plarmicae* (Vallot),  
= *florica* Winnertz.
4. *M. syngenesiae* (H. Loew).

Genus **Arceuthomyia** Kieffer.

1. *A. valerii* (Tavares).

Genus **Oligotrophus** Latreille.\*

1. *O. juniperinus* (Linné).
2. *O. panteli* Kieffer.
3. *O. alopecuri* Reuter.
4. *O. bursarius* (Bremi).
5. *O. fagineus* Kieffer.
6. *O. hartigi* (Liebel).
7. *O. reaumurianus* (F. Loew).
8. *O. tympanifex* Kieffer.
9. *O. ulmi* Kieffer.
10. *O. loewianus* Kieffer.

Genus **Phyctidobia** Kieffer.

1. *P. solmsi* (Kieffer).

Genus **Mikomyia** Kieffer.

1. *M. coryli* (Kieffer).

Genus **Semudobia** Kieffer.

1. *S. betulae* (Winnertz).

Genus **Iteomyia** Kieffer.

1. *I. capreae* (Winnertz).
2. *I. major* (Kieffer).

Genus **Janetiella** Kieffer.

1. *J. lemeci* (Kieffer).
2. *J. thymi* (Kieffer).
3. *J. thymicola* (Kieffer).
4. *J. tuberculi* Rübsaamen.

Genus **Zygobia** Kieffer.

1. *Z. carpini* (F. Loew).

Genus **Craneiobia** Kieffer.

1. *C. corii* (Giraud).

Genus **Phegobia** Kieffer.

1. *P. tornatella* (Bremi).

Genus **Mayetiola** Kieffer.

1. *M. arvenae* (Marchal).
2. *M. dactylidis* Kieffer.
3. *M. destructor* (Say).
4. *M. holci* Kieffer.
5. *M. joannisi* Kieffer.
6. *M. ventricola* Rübsaamen.
7. *M. hordei* Kieffer.†

Genus **Chortomyia** Kieffer.

1. *C. hellwigi* (Rübsaamen).
2. *C. molinae* (Rübsaamen).
3. *C. poae* (Bose).
4. *C. radificata* (Rübsaamen).

Genus **Cystiphora** Kieffer.

1. *C. hieracii* (F. Loew).
2. *C. taraxaci* Kieffer.
3. *C. leontodontis* Kieffer.
4. *C. pilosellae* Kieffer.
5. *C. souchi* (F. Loew).

Genus **Macrolabis** Kieffer.

1. *M. corrugans* (F. Loew).
2. *M. hieracii* Kieffer.
3. *M. hippocrepidis* Kieffer.
4. *M. marteli* Kieffer.
5. *M. pilosellae* (Binnie).
6. *M. stellariae* (Liebel).

Genus **Arnoldia** Kieffer.

1. *A. quercicola* Kieffer.
2. *A. quercus* (Binnie).

Genus **Geocrypta** Kieffer.

1. *G. braueri* (Handlirsch).

\* The first two species truly belong to this genus as now limited, but all the other species are placed here temporarily.

† The generic position of this species is not yet certain.

Genus **Rhabdophaga** Westwood.

- |   |   |
|---|---|
| 1. <i>R. albipennis</i> (H. Loew).  | 16. <i>P. campanulae</i> (Rübsaamen).                         |
| 2. <i>R. clavifex</i> (Kieffer).  | 17. <i>P. capitigera</i> (Bremi).                             |
| 3. <i>R. dubiosa</i> Kieffer,<br>= <i>dubiu</i> Kieffer,<br>= <i>griseicollis</i> Zett. <i>non</i><br>Meigen.                       | 18. <i>P. cardamines</i> (Winnertz).                          |
| 4. <i>R. giraudiana</i> Kieffer,<br>= <i>salicipera</i> Giraud <i>non</i><br>Dufour.  | 19. <i>P. cerastii</i> (Binnie).                              |
| 5. <i>R. heterobia</i> (H. Loew),<br>= <i>saligna</i> Hardy.  | 20. <i>P. cirsii</i> (Rübsaamen).                             |
| 6. <i>R. ileobia</i> (Kieffer).   | 21. <i>P. compositarum</i> (Kieffer).                         |
| 7. <i>R. karschi</i> (Kieffer).   | 22. <i>P. corylina</i> Kieffer,<br>= <i>coryli</i> Rübsaamen. |
| 8. <i>R. marginemtorquens</i> (Winnertz).   | 23. <i>P. crataegi</i> (Winnertz).                            |
| 9. <i>R. nervorum</i> (Kieffer),<br>= <i>noduli</i> Rübsaamen.  | 24. <i>P. daphnes</i> Kieffer.                                |
| 10. <i>R. pierrei</i> (Kieffer).  | 25. <i>P. engstfeldi</i> (Rübsaamen).                         |
| 11. <i>R. pseudococcus</i> Rübsaamen.   | 26. <i>P. epilobii</i> (F. Loew).                             |
| 12. <i>R. pulvini</i> Kieffer,<br>= <i>salicina</i> Giraud <i>non</i><br>Schränk,<br>= ? <i>klugi</i> H. Loew <i>non</i><br>Meigen. | 27. <i>P. ericina</i> (F. Loew).                              |
| 13. <i>R. rosaria</i> H. Loew,<br>= <i>salicina</i> Auct,<br>= <i>cinerarum</i> Hardy.  | 28. <i>P. filicina</i> (Kieffer).                             |
| 14. <i>R. rosariella</i> Kieffer.   | 29. <i>P. floriperda</i> (F. Loew).                           |
| 15. <i>R. salicipera</i> (Dufour),<br>= <i>terebrans</i> H. Loew.   | 30. <i>P. floscolorum</i> (Kieffer).                          |
| 16. <i>R. sulicis</i> (Schränk),<br>= <i>degeeri</i> Bremi.   | 31. <i>P. fraxinea</i> Kieffer.                               |
| 17. <i>R. superna</i> Kieffer.  | 32. <i>P. fraxini</i> Kieffer.                                |
| 18. <i>R. terminalis</i> (H. Loew).   | 33. <i>P. fructuum</i> (Rübsaamen).                           |

Genus **Perrisia** Rondani.

- |   |   |
|---|---|
| 1. <i>P. abietiperda</i> (Henschel).                                    | 48. <i>P. inclusa</i> (Frauenfeld).                           |
| 2. <i>P. acerisraps</i> (Kieffer) and<br>var. <i>rubella</i> (Kieffer.) | 49. <i>P. kiefferi</i> Marchal.                               |
| 3. <i>P. acrophila</i> (Winnertz).                                      | 50. <i>P. kiefferiana</i> (Rübsaamen).                        |
| 4. <i>P. affinis</i> (Kieffer).   | 51. <i>P. lamii</i> Kieffer.                                  |
| 5. <i>P. alni</i> (F. Loew).  | 52. <i>P. laricis</i> F. Loew,<br>= <i>kellneri</i> Henschel. |
| 6. <i>P. alpina</i> (F. Loew).  | 53. <i>P. luthyri</i> Kieffer.                                |
| 7. <i>P. anglica</i> Kieffer.   | 54. <i>P. lathyricola</i> (Rübsaamen).                        |
| 8. <i>P. aparines</i> (Kieffer).  | 55. <i>P. libera</i> Kieffer.                                 |
| 9. <i>P. aucupariae</i> Kieffer.  | 56. <i>P. lotharingue</i> (Kieffer).                          |
| 10. <i>P. axillaris</i> Kieffer.  | 57. <i>P. loti</i> Kieffer.                                   |
| 11. <i>P. ballotae</i> (Rübsaamen).                                     | 58. <i>P. loticola</i> (Rübsaamen).                           |
| 12. <i>P. beckiana</i> (Mik).   | 59. <i>P. lupulinae</i> Kieffer.                              |
| 13. <i>P. brassicae</i> (Winnertz).                                     | 60. <i>P. lychnidis</i> (Heyden).                             |
| 14. <i>P. brunellii</i> Kieffer.  | 61. <i>P. mali</i> Kieffer.                                   |
| 15. <i>P. bryoniae</i> (Bouché).  | 62. <i>P. malpighii</i> Kieffer.                              |
|   | 63. <i>P. mikii</i> Kieffer.                                  |

64. *P. muricatae* (Meade),  
= *caricis* H. Loew.  
65. *P. nervicola* Kieffer.  
66. ? *P. onobrychidis* Bremi,  
= *giraudi* Frauenfeld.  
67. *P. papaveris* (Winnertz).  
68. *P. periclymeni* (Rübsaamen)  
69. *P. persicariae* (Linné).  
70. *P. plicatrix* (H. Loew).  
71. *P. polygalae* Kieffer.  
72. *P. populeti* (Rübsaamen).  
73. *P. potentillae* (Wachtl).  
74. *P. pruticola* (Kieffer).  
75. *P. pteridicola* (Kieffer).  
76. *P. pustulans* (Rübsaamen).  
77. *P. pyri* (Bouché).  
78. *P. pierrana* Kieffer.  
79. *P. ranunculi* (Bremi).  
80. *P. raphanistri* (Kieffer).  
81. *P. rhododendroni* Kieffer.  
82. *P. rosarum* (Hardy).  
83. *P. rostrupiana* Kieffer.  
84. *P. rübsaamensi* Kieffer.  
85. *P. subcariuae* (Kieffer).  
86. *P. sanguisorbae* (Kieffer).  
87. *P. scabiosae* (Kieffer).  
88. *P. schlehtendali* (Kieffer).  
89. *P. schmidti* Rübsaamen.  
90. *P. serotina* (Winnertz).  
91. *P. silvicola* Kieffer.  
92. *P. similis* (F. Loew).  
93. *P. sisymbrii* (Schranck).  
94. ? *P. sodalis* (F. Loew).  
95. *P. stachydis* (Bremi).  
96. *P. strobi* (Winnertz).  
97. *P. tetensi* (Rübsaamen).  
98. *P. tetrahit* Kieffer.  
99. *P. thomasiana* (Kieffer).  
100. *P. tiliamvolvrens* (Rübsaamen),  
= *tiliae* Schranck.  
101. *P. tortrix* (F. Loew).  
102. *P. trachelii* (Wachtl).  
103. *P. trilli* Kieffer.  
104. *P. trifolii* (F. Loew).  
105. *P. tubicola* (Kieffer).  
106. *P. ulicis* Kieffer.  
107. *P. ulmariae* (Bremi).  
108. *P. ulmicola* Kieffer.  
109. *P. urticae* (Perris).  
110. *P. vacciniivorum* Kieffer,  
= *vaccinii* Rübsaamen *non*  
Smith.

111. *P. veronicae* (Vallot),  
= *chamaedryis* Inehbald.  
112. *P. viciae* (Kieffer).  
113. *P. violae* (F. Loew).  
114. *P. virgae-aureae* (Liebel).  
115. *P. vilis-idaceae* Kieffer.  
\* \* \* \* \*  
116. *P. lithospermi* H. Loew.  
117. *P. panteli* Kieffer.

Genus **Hartigiola** Rübsaamen.

1. *H. annulipes* (Hartig),  
= *piliger* H. Loew.

Genus **Taxomyia** Rübsaamen.

1. *T. taxi* (Inehbald).

## Group ASPHONDYLARIAE.

Genus **Schizomyia** Kieffer.

1. *S. galiorum* Kieffer.  
2. *S. ligustri* Rübsaamen.

Genus **Kiefferia** Mik.

1. *K. pimpinellae* (F. Loew),  
= *umbellatarum* F. Loew.

Genus **Asphondylia** H. Loew.

1. *A. dorycnii* F. Loew.  
2. *A. genistae* H. Loew.  
3. *A. lupulinac* Kieffer.  
4. *A. mayeri* Liebel.  
5. *A. mikii* Wachtl.  
6. *A. melanopus* Kieffer.  
7. *A. ononidis* F. Loew.  
8. *A. proxima* Kieffer.  
9. *A. surothanni* H. Loew.  
10. *A. thymi* Kieffer.  
11. *A. ulicis* Verral.

## Group BRACHYNEURARIAE.

Genus **Phaenolauthia** Kieffer.

1. *P. cardui* Kieffer.

Genus **Mikiola** Kieffer.

1. *M. fagi* (Hartig),  
= *Tipula rubra* Hermann.

Genus **Brachyneura** Rondani.

1. *B. stygia* Walker (*nec*  
Meigen).\*

\* See Collin, 1904, note 3.

Group **CECIDOMYIARIAE.**

Genus **Hormomyia** H. Loew.

1. *H. fischeri* Frauenfeld.
2. *H. frireni* Kieffer.
3. *H. grandis* (Meigen).
4. *H. kneuckeri* Kieffer.

Genus **Dishormomyia** Kieffer.

1. *D. cornifex* (Kieffer).

Genus **Trishormomyia** Kieffer.

1. *T. tubrificata* (Rübsaamen).

Genus **Cyrtodiplosis** Kieffer.

1. *C. crassinerva* (Kieffer).

Genus **Monarthropalpus** Rübsaamen.

1. *M. buxi* (Geoffrey).

Genus **Dichrona** Rübsaamen.

1. *D. gallarum* Rübsaamen.

Genus **Arthrocnodax** Rübsaamen.

1. *A. fraxinella* (Meade).

Genus **Aphidoletes** Kieffer.

1. *A. abietis* (Kieffer).

Genus **Anabremia** Kieffer.

1. *A. bellevoji* (Kieffer).
2. *A. viciae* Kieffer,  
= *Clinodiplosis longiventris*  
Kieffer (larva, not imago).

Genus **Hadrobremia** Kieffer.

1. *H. longiventris* Kieffer,  
= *Clinodiplosis trifolii* Kieffer  
(larva, not imago).

Genus **Endaphis** Kieffer.

1. *E. perfidus* Kieffer.

Genus **Syndiplosis** Rübsaamen.

1. *S. lonicerearum* (F. Loew).
2. *S. petioli* (Kieffer).

Genus **Contarinia** Rondani.

1. *C. acetosae* Kieffer.
2. *C. anthobia* F. Loew.
3. *C. barbichei* Kieffer.
4. *C. betulicola* Kieffer.
5. *C. betulina* Kieffer.
6. *C. campanulae* Kieffer.
7. *C. coryli* Kieffer.
8. *C. craccaae* Kieffer.
9. *C. cucubali* Kieffer.
10. *C. gei* Kieffer.
11. *C. helianthemii* (Hardy).
12. *C. heraclei* Rübsaamen.
13. *C. lathyri* Kieffer.
14. *C. linariae* (Winnertz).
15. *C. loti* (De Geer).
16. ? *C. medicaginis* Kieffer.
17. *C. melanocera* Kieffer.
18. *C. nasturtii* Kieffer.
19. *C. nicolayi* Rübsaamen.
20. *C. ononidis* Kieffer.
21. *C. pyrivora* (Riley).
22. *C. quercina* Rübsaamen,  
= *dryophila* Kieffer.
23. *C. rubicola* (Kieffer) Rübs.
24. *C. ruderalis* Kieffer.
25. *C. scabiosae* Kieffer.
26. *C. scoparii* Rübsaamen.
27. *C. sorbi* Kieffer.
28. *C. steini* Karsch.
29. *C. tiliarum* Kieffer.
30. *C. tragopogonis* Kieffer.
31. *C. traili* Kieffer.
32. *C. tremulae* Kieffer.
33. *C. tritici* (Kirby).
34. *C. valerianae* Rübsaamen.
35. *C. viburnorum* Kieffer,  
= *viburni* Kieffer non Felt.

Genus **Stictodiplosis** Kieffer.

1. *S. corylina* (F. Loew).
2. *S. hypochoeridis* (Rübsaamen).
3. *S. jacobaeae* (H. Loew).
4. *S. pilosellae* Kieffer.
5. *S. scrophulariae* Kieffer.
6. *S. umbellatarum* Rübsaamen.

Genus **Thecidodiplosis** Kieffer.

1. *T. brachyntera* (Schwägrichen).

Genus **Myricomyia** Kieffer.

1. *M. mediterranea* (F. Loew).

Genus **Zeuxidiplosis** Kieffer.

1. *Z. giardi* (Kieffer),  
= *giardiana* Kieffer.

Genus **Atrichosema** Kieffer.

1. *A. aceris* Kieffer.

Genus **Trichodiplosis** Kieffer.

1. *T. caricis* (Kieffer).

Genus **Antichiridium** Rüb-  
saamen.

= *Antichira* Rüb-  
saamen non  
Eschscholz.

1. *A. striatum* (Rüb-  
saamen).

Genus **Lestodiplosis** Kieffer.

1. *L. callida* (Winnertz).
2. *L. centralis* (Winnertz).

Genus **Pseudhormomyia** Kieffer.

1. *P. gravifex* Kieffer.

Genus **Taphodiplosis** Kieffer.

1. *T. subterraneu* (Kieffer et  
Trotter).

Genus **Dyodiplosis** Rüb-  
saamen.

1. *D. areuriar* (Rüb-  
saamen).

Genus **Loewiola** Kieffer.

1. *L. centaureae* (F. Loew).

Genus **Putoniella** Kieffer.

1. *P. marsupialis* (F. Loew).

Genus **Haplodiplosis** Rüb-  
saamen.

1. *H. equestris* (B. Wagner).

Genus **Cecidomyia** Meigen.\*

1. *C. pini* (de Geer).†
2. *C. flava* Meigen.
3. *C. verna* Curtis.

Genus **Macrodiplosis** Kieffer.

1. *M. dryobia* (F. Loew).
2. *M. volvens* Kieffer.

Genus **Xenodiplosis** Felt,

= *Allodiplosis* Rüb-  
saamen  
non Kieffer.

1. *X. laeviusculi* (Rüb-  
saamen).

Genus **Parallelodiplosis** Rüb-  
saamen.

1. *P. galliperda* (F. Loew).

Genus **Harmandia** Kieffer.

1. *H. tremulae* (Winnertz).
2. *H. pustulans* Kieffer.

Genus **Clinodiplosis** Kieffer.

1. *C. betonicae* Kieffer.
2. *C. botularia* (Winnertz).
3. *C. rosiperda* (Rüb-  
saamen).
4. *C. schlehtenduli* Rüb-  
saamen.

Genus **Mycodiplosis** Rüb-  
saamen.

1. *M. coniphaga* (Winnertz).

Genus **Massalongia** Kieffer.

1. *M. rubra* (Kieffer).

Genus **Ametrodiplosis** Rüb-  
saamen.

1. *A. thalictricola* (Rüb-  
saamen).

Genus **Monodiplosis** Rüb-  
saamen.

1. *M. liebeli* (Kieffer).  
= *Schizomyia sorabilis* Rüb-  
saamen.

Genus **Atylodiplosis** Rüb-  
saamen.

1. *A. rumicis* (H. Loew).

Group **PORRICONDYLIARIAE.**

Genus **Dirhiza** H. Loew.

1. *D. rhodophila* (Hardy).

Genus **Porricondyla** Rondani.

1. *P. longipes* (H. Loew).

\* All species in this genus, excepting the type *pini*, are insufficiently described, and therefore cannot be relegated to any known genus.

† Synonyms are *laterella* Zett., *pilosa* Bremi, and *pini-maritimae* Dufour.

Subfamily *LESTREMINAE*.

Group *CAMPYLOMYZARIAE*.

Genus *Campylomyza* Meigen.

1. *C. globifera* Haliday.

Genus *Amblyspatha* Kieffer.

1. *A. ormerodi* Kieffer.

Group *LESTREMIARIAE*.

Genus *Catocha* Haliday.

1. *C. latipes* Haliday.

Genus *Lestremia* Macquart.

1. *L. carnea* (H. Loew).

2. *L. fusca* Meigen.

3. *L. leucophaea* (Meigen),

= *juniperina* Fabricius non  
Linné.

### III. INDEX TO HOST-PLANTS.

N.B.—The capital initials of *specific* plant-names are in accordance with the usual Botanical practice.

In using the following index it is well to note the following points: (1) that when a Cecidomyid galls all of the species of a plant genus, then that fact is notified thus, “*Salix* spp.”; (2) that in a few cases an aggregate plant name is used; (3) that when any Cecidomyid feeds on rusts, smuts, mildews, aphids and the like, found on any particular plant, then these are indexed under the name of that plant; (4) that the numbers refer to the numbering of the Cecidomyid species in the classified list.

#### *Acer*.

- Acer* *Pseudoplatanus* L., 91,  
261, on *Aphis platan-*  
*oides* on this tree.  
,, *campestre* L., 92, 312.

#### *Achillea*.

- Achillea* *Millefolium* L., 2, 14,  
18, 393, 394.  
,, *Ptarmica* L., 2, 14,  
18, 420.

#### *Alnus*.

- Alnus* *rotundifolia* Mill, 95.

#### *Alopecurus*.

- Alopecurus* *pratensis* L., 24.

#### *Angelica*.

- Angelica* *sylvestris* L., 229,  
365, 413.

#### *Anthemis*.

- Anthemis* *Cotula* L., 1, 19.

#### *Anthriscus*.

- Anthriscus* *sylvestris* Hoffm.,  
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#### *Anthyllis*.

- Anthyllis* *Vulneraria* L., 363.

#### *Artemisia*.

- Artemisia* *Abrotanum* L., 17.  
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#### *Astragalus*.

- Astragalus* *hypoglottis* D. C.,  
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#### *Atriplex* (see also *Obione*).

- Atriplex* *patula* L., 389.

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- Avena* *fatua* L., 45.

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- Ballota* *nigra* L., 101.

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- Betula* *alba* L., 34, 269, 270,  
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